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Case NO. 2019-00443

Pertaining to Intergrated Planning report: section 4.5.6 Renewable Options pages 99 and 100. Kypco has described solar, wind as the best options to generate additional electricity if needed, a solar farm only generate electricity part time when the sun is shining, solar farms generates very little on a cloudy day and nothing at night. Batteries to store electricity are not very reliable and are very dangerous because batteries gives off dangerous gases and wear out very quick.

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Wind mills only generate electricity when the wind is blowing, windmills is not a good option for Kentucky since there is not much wind here, neither wind or solar is a good option because each has to have a back up generating source.

Solar farms and wind mills have a life span of 20 yrs. Kypco Customers would be constantly in debt. By the time you would get

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a solar farm or wind mill paid ^{for} which would take 20 yrs or longer you would have to buy another wind mill or solar farm. Bio mass would have the same issues a Coal.

Hydro-Electric generation is the best option for Kypco Customers. It has worked great in Tennessee with the cheapest electric bills in America. I believe our Ky. governor would support Hydro Electric generation in East Ky. We have Dewey lake in Floyd Co., Fish Trap dam in pike Co., Carr's Fork dam in Knott Co., Buckhorn lake in perry Co. which would be great for Hydro Electric generation. Since these dams are already built, it would only take a few changes to part of the discharge water from either dam to build structures to house the generators.

By building Hydro Electric plants in East Ky. this would give jobs to our area. this would be a one time expense to build these generating units which would last hundreds of years. after these Hydro-electric units are paid for the only expense would be maintenance and up keep. If Kypco goes the solar or wind mill route Kypco Customers will be

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in debt for ever buying windmills and solar farms every 20 years.

In Kypco Intergrated planning report Kypco says it would be difficult to get permits for a Hydro Electric plant. Kypco also says these lakes are used for recreation and flood control. IN Tennessee lakes are also used for recreation and flood control.

The benifits from a Hydro-Electric Plant would be worth the effort to persue these permits. I know it would be hard but possible. This would benefit East, Ky with cheap electricity, more jobs, attract other industry. Plus keeping Kypco customers out of debt continuously buying windmills and solar farms.

I ask the PSC to order Kypco to persue Hydro-Electric generation in East Ky, which would be the best and cheapest option and would last for hundreds of years. I am only concerned what is best for Kypco customers.

Respectifuly
Zuddie Coleman